

Converting Colors

YUV(33.4560, 8.6492, 25.9101)

Have a look what the booklet for
YUV(33.4560, 8.6492, 25.9101)
contains.

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Color

**YUV(33.4560, 8.6492,
25.9101)**

Conversions

Conversions Part 1

Format	Color
Hex	3F0F33
RGB	63, 15, 51
RGB Percent	25%, 6%, 20%
CMY	0.7529, 0.9412, 0.8000
CMYK	0.00, 0.76, 0.19, 0.75
HSL	315°, 62%, 15%
HSV	315°, 76%, 25%
XYZ	2.8183, 1.6374, 3.2995
YIQ	33.4560, 17.0520, 21.3720

Conversions

Conversions Part 2

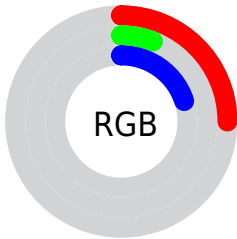
Format	Color
R_{YB}	63, 15, 51
Decimal	4132659
CIE Lab	13.46, 27.79, -11.57
CIE LCh	13, 30.101, 337.403
Yxy	1.6374, 0.3634, 0.2111
Android (android.graphics.Color)	4282322739 (0xFF3F0F33)
YUV	33.4560, 8.6492, 25.9101
Hunter-Lab	12.7962, 16.9199, -6.3305




Details

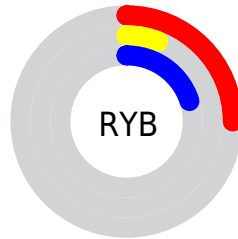
The YUV color **33.4560, 8.6492, 25.9101** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **44.5440, -8.6492, -25.9101**, and the grayscale version is **33.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **81.2390, 7.7702, 27.8544**, and **0.1140, 0.4368, -0.1000** is the 20% darker color. If you saturate the color by 10%, you get **29.7060, 9.5119, 29.1988**, and if you desaturate by 10%, it is **37.2060, 7.7864, 22.6213**.

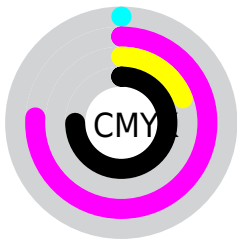
Distribution







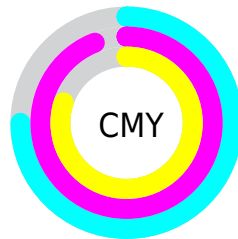
-  Red (25%)
-  Green (6%)
-  Blue (20%)






-  Red (25%)
-  Yellow (6%)
-  Blue (20%)



-  Cyan (0%)
-  Magenta (76%)
-  Yellow (19%)
-  Black (75%)





-  Cyan (75%)
-  Magenta (94%)
-  Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 33.4560, 8.6492, 25.9101 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 33.4560, 8.6492, 25.9101 by changing the saturation by 10% instead.


 33.4560, 8.6492,
25.9101


 33.4560, 8.6492,
25.9101

 250.3040, 2.3151,
4.1184


 15.6790, 7.0603,
22.2065

 81.2390, 7.7702,
27.8544


 0.1140, 0.4368,
-0.1000

 105.9510, 7.9122,
28.9840

 0.0000, 0.0000,
0.0000


 131.6630, 8.0541,
30.1135


 157.4890, 8.6329,
31.1431


 184.7880, 8.4855,
31.7579


 212.5000, 8.6275,


32.8875


 233.2810, 10.7075,
19.0476

 33.4560, 8.6492,
25.9101


 33.4560, 8.6492,
25.9101


 29.7060, 9.5119,
29.1988


 37.2060, 7.7864,
22.6213


 25.4830, 11.1009,
32.9024

 41.4290, 6.1975,
18.9178

 24.1950, 11.2429,
34.0320

 45.1790, 5.3348,
15.6290

 48.8150, 4.0352,
12.4402

 53.1520, 2.8831,
8.6367

■ 56.7880, 1.5835,
5.4479

■ 60.5380, 0.7208,
2.1592

■ 64.2880, -0.1420,
-1.1296

■ 68.5110, -1.7309,
-4.8331

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



35.2730, 16.1344, 5.0226



33.4560, 8.6492, 25.9101



30.5190, -0.2559, 35.5018

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



33.4560, 8.6492, 25.9101



32.5050, -16.0250, 6.5731



32.0810, 13.7641, -28.1350

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



33.4560, 8.6492, 25.9101



44.5440, -8.6492, -25.9101

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



30.2740, 4.3019, -26.5503



33.4560, 8.6492, 25.9101



29.1610, -14.3764, -8.9112

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



33.4560, 8.6492, 25.9101



32.8920, -16.2158, 21.1427



27.1790, -5.0182, -23.8360



32.3890, 20.0212, -28.4052

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



33.4560, 8.6492, 25.9101



30.9720, -7.3812, 34.2276



27.1790, -5.0182, -23.8360



31.8700, 10.4171, -27.9500

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



33.4560, 8.6492, 25.9101



70.2770, 3.3144, 10.2811



24.0600, 19.1974, 2.5784



33.6140, 2.1623, 6.4775



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



33.4560, 8.6492, 25.9101



35.8090, 13.4052, 40.5095



30.7200, -1.8340, 28.3096



29.1250, 0.4314, 1.6444



36.2000, 17.1564, 50.6906



85.3020, 39.7841, 119.8841

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



33.4560, 8.6492, 25.9101



35.8090, 13.4052, 40.5095



47.2800, 1.8340, -28.3096



29.1250, 0.4314, 1.6444



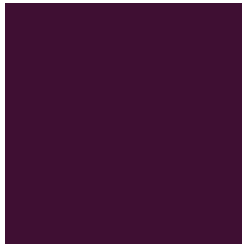
36.2000, 17.1564, 50.6906



85.3020, 39.7841, 119.8841

Previews

White Background



This preview shows how the YUV color 33.4560, 8.6492, 25.9101 looks on a white background.

Color Contrast Check

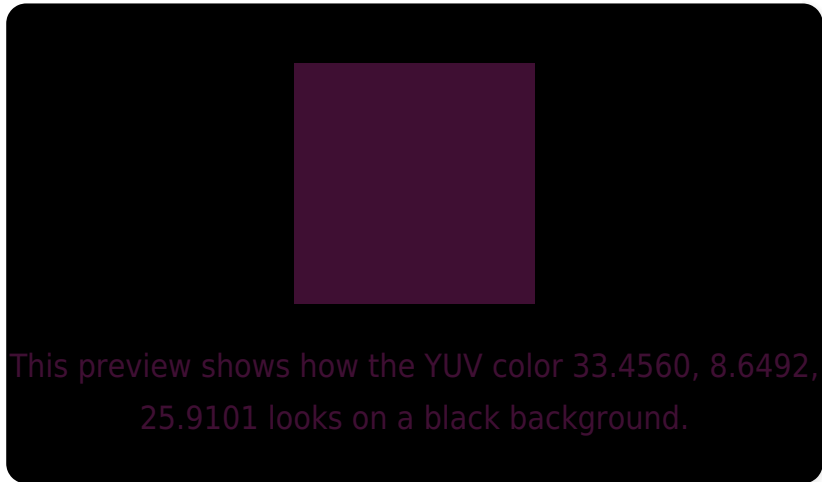
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

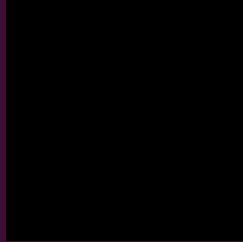
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 33.4560, 8.6492, 25.9101

Background



This preview shows how black text looks on a background with the YUV color 33.4560, 8.6492, 25.9101.



This preview shows how white text looks on a background with the YUV color 33.4560, 8.6492,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

33.4560, 8.6492, 25.9101

Protanopia

34.1630, 16.1886, -12.4210

Deuteranopia

36.4710, 5.6838, -3.0441



Tritanopia

35.1770, -5.0173, 22.6468

Trichromacy



Original Color

33.4560, 8.6492, 25.9101

Protanomaly

34.1540, 13.2351, 1.6189

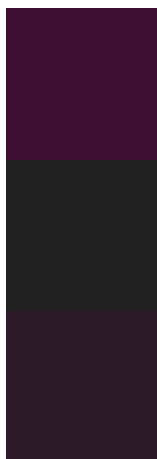
Deuteranomaly

35.1780, 6.8142, 7.7369

Tritanomaly

34.7410, -0.3653, 23.9061

Monochromacy



Original Color

33.4560, 8.6492, 25.9101

Achromatopsia

33.0000, 0.0000, 0.0000

Achromatomaly

32.9780, 3.4618, 9.6663

CSS Examples

Text

The CSS property to change the color of the text to YUV 33.4560, 8.6492, 25.9101 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(63, 15, 51)` looks like.

```
.text, #text, p{  
    color:rgb(63, 15, 51)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(63, 15, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 15, 51) }
```

Border

The CSS property to change the border of an element to YUV 33.4560, 8.6492, 25.9101 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(63, 15, 51) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(63, 15, 51) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(63, 15, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 15, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 15, 51);  
box-shadow:4px 4px 4px 4px rgb(63, 15, 51)  
}
```

Background

The CSS property to change the background color of an element to YUV 33.4560, 8.6492, 25.9101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 15, 51) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(63, 15,  
51) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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